# Coinvolgimento degli utenti nell'adozione di soluzioni a basso costo per edifici a energia quasi zero (progetto AZEB)


**Affordable** Zero
Energy Buildings

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 754174

**Prof. Pagliano Lorenzo**

**Insegnamento:**

- Advanced Building Physics and Heat and Mass transfer
- Direttore del Master RIDEF 2.0 (Renewable, Efficiency, Energy Planning) www.ridef2.com

**Ricerca:**

- Direttore di **eERG** – end-use Efficiency Research Group www.eerg.it

eERG
end-use Efficiency Research Group
Gruppo di ricerca sull'efficienza negli usi finali dell'energia

POLITECNICO MILANO

Affordable Zero Energy Buildings

# PROGETTO EUROPEO HORIZON 2020

INIZIO: 01/05/2017

DURATA: 30 mesi

**Politecnico Milano**
Technical University Italy

**Passive House Institute (PHI)**
Research institute Germany

**Oberon Konzeptbau**
Contractor Bulgaria / Germany

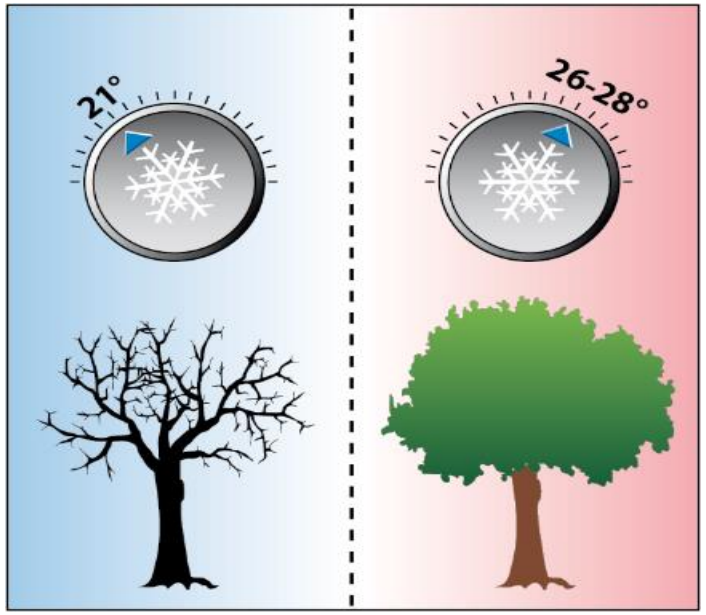
**Obrascón Huarte Lain (OHL)**
International contractor Spain

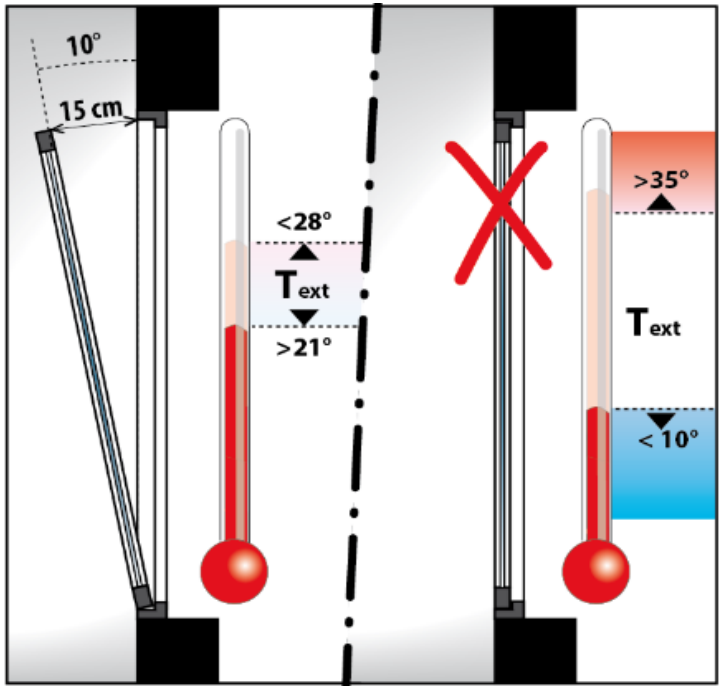
**Visesa**
Housing corporation Spain

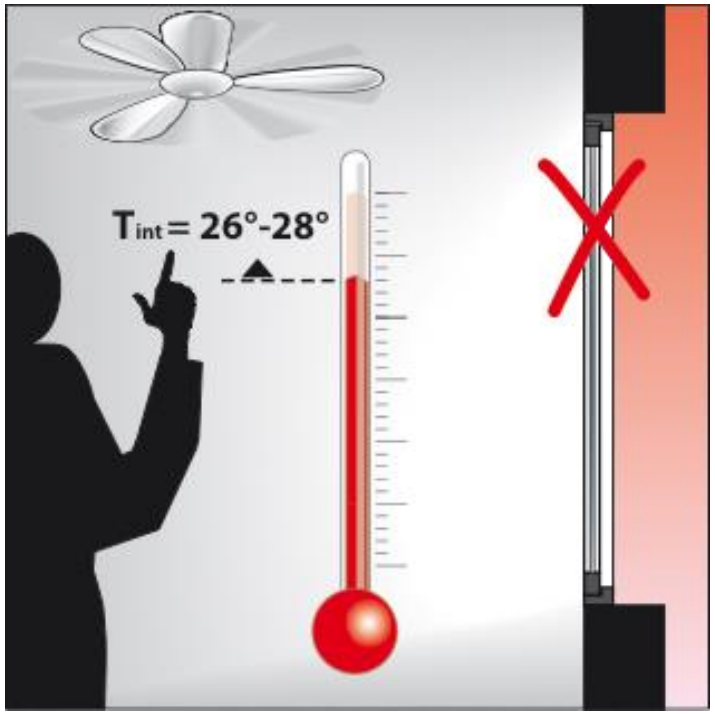
**Tecnalia**
Private research institute of Spain

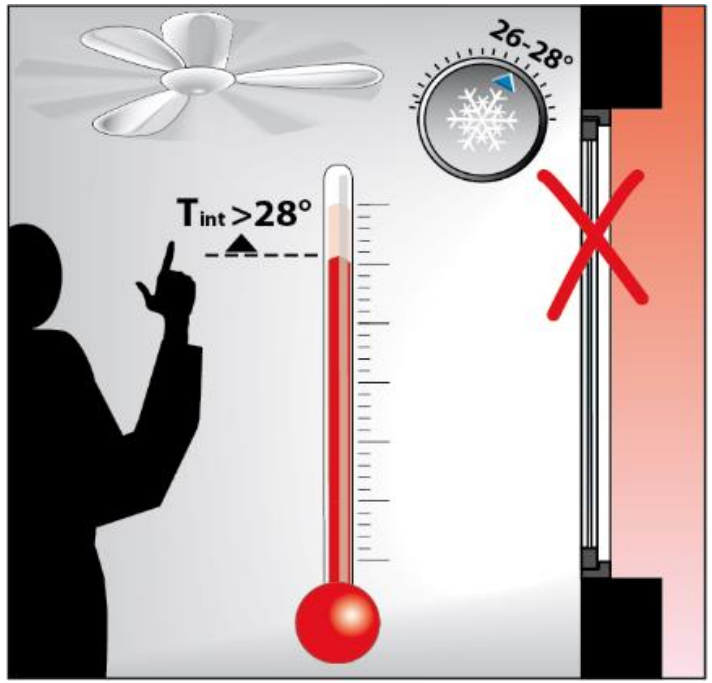
**Armines**
Private non-profit research institute France

**DNA in de Bouw**
Network sustainable SME contstruction and installation sector (NL) also project coordinator




*Riferimento: linee guida sviluppate da Estia*

AZEB

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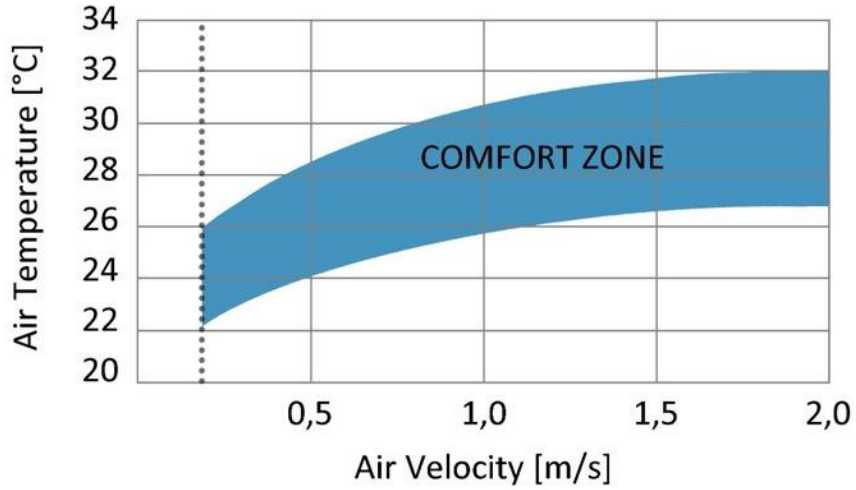


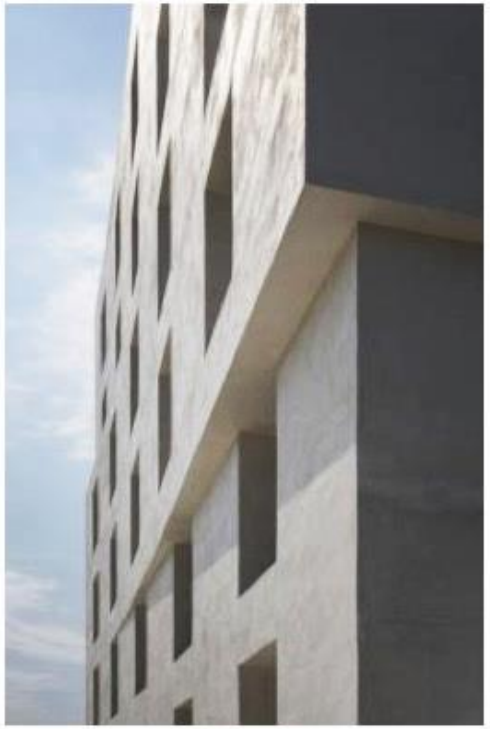

Abb. A. 6: Lüftungsflügel bei raumhohen Fe
Kalkputz

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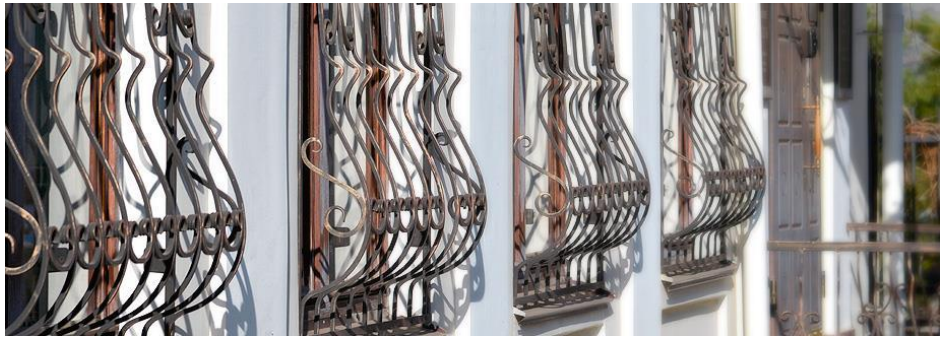
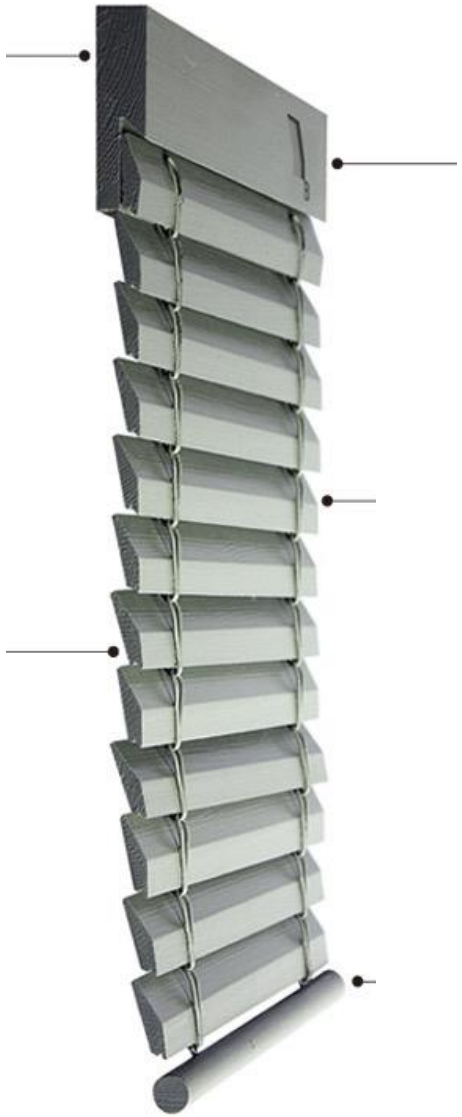
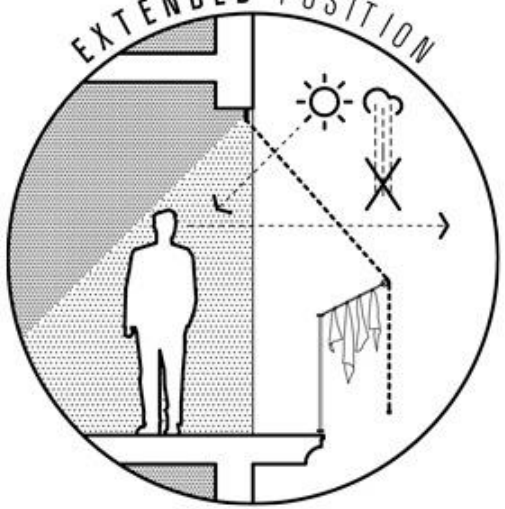


# Persiana arrotolabile e filo stendibiancheria



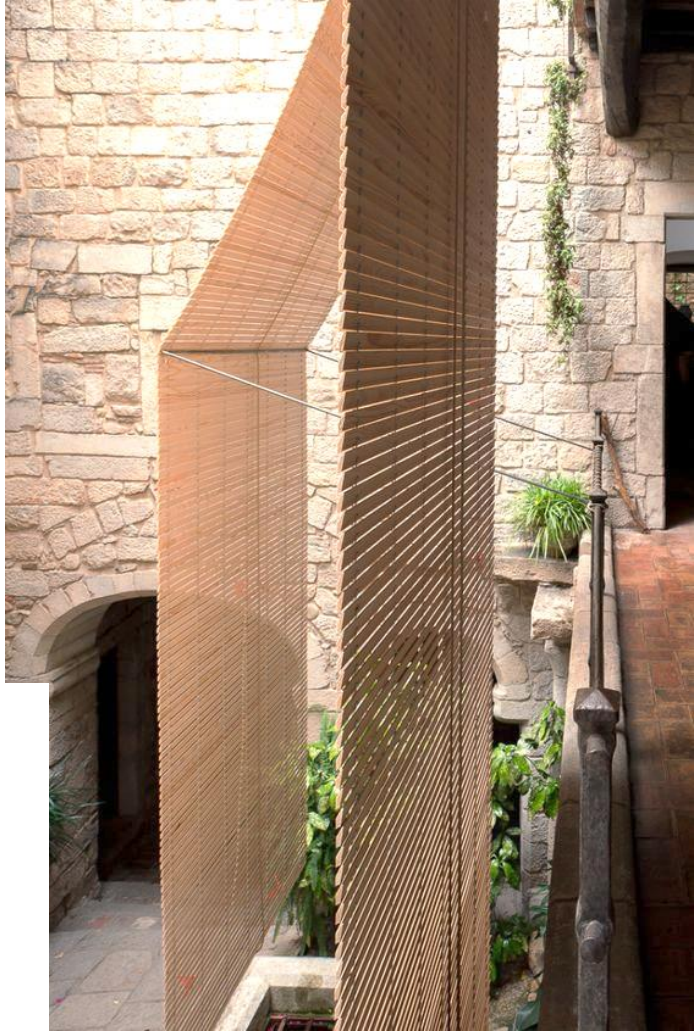




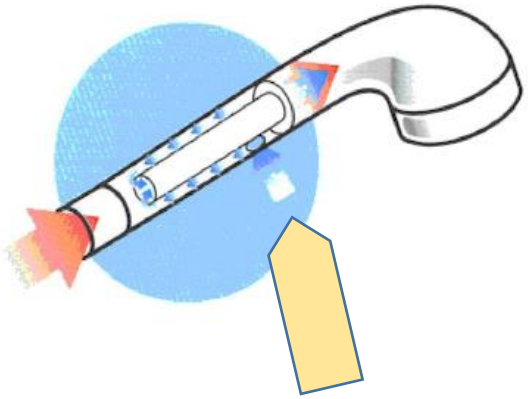
street lighting.

- PROTECTION against WATER -

In the tilted or extended position, the overlapping slat design provides protection against water while simultaneously filtering light. This allows the blind to be seen through, as well as ensures ventilation.



Soffione da doccia con aspiratore d'aria.



Regolazione e limitazione di flusso, con risparmio fino al 50 %.

50%

**Miscelatori**

40%

**Sistemi doccia**

50%

**Termostatici**

50%

**Sistemi di sciacquo**

70%

**Rubinetteria speciale**